

Installation Instructions for 41450 to 41471

2-1/16" Short Sweep Electric Gauges (Volts, Temp, Pressure & Fuel Level)

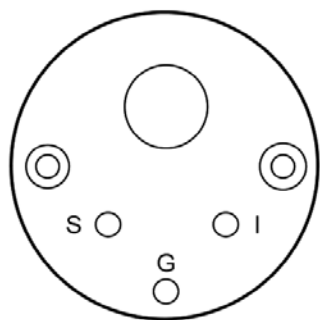
Before You Start

Please read instructions completely before installing.

- **ALWAYS WEAR SAFETY GLASSES.**
- Install gauge only when engine is cool and ignition is off.
- Make sure all necessary tools, materials, and parts are on hand.
- Disconnect negative (-) battery cable before installing gauge.
- 2-1/16" gauge mounts in a 2-1/16" diameter hole.
- Make sure mounting location does not impair visibility or interfere with driving. Also check behind the mounting location for any wiring or components before drilling.

WIRING

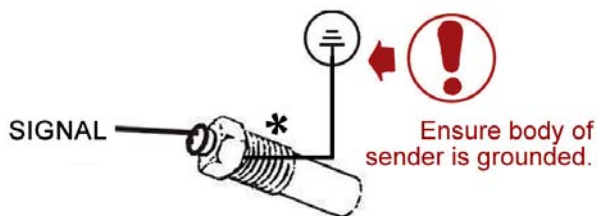
Use 20 AWG stranded or heavier wire for installation. Route wires away from any moving parts and hot engine components. Secure wires firmly along their route. **Note:** As a safety precaution, the 12V+ connections should be fused. We recommend using a 1 Amp, fast-acting type cartridge fuse.



I: 12V ACC (Ignition)
G: Common Ground
S: Signal Input

Temperature Signal Input

Connect the sender terminal to gauge signal input (S). Ensure the body of the sending unit is grounded.



LIGHTING

Light socket snaps into socket hole on the back of the gauge. Connect white light socket wire to 12V dash lighting. Connect black light socket wire to GROUND.

PRESSURE SIGNAL INPUT

1. Connect the G pressure sender terminal to the gauge signal input (S).
2. Connect the WK terminal to a common ground.
3. Use Teflon sealing compound on temperature and pressure sender threads as noted (*). **Test temperature and pressure sender connections for leaks. If a leak is detected, determine the cause of the leak and repair. DO NOT operate the vehicle if a leak is detected.**

VOLTS SIGNAL INPUT

The volts gauge does not require a signal input connection; it receives the voltage from the ignition (power) connection (I).

FUEL LEVEL SIGNAL INPUT

Connect the fuel level sender signal output to the gauge signal input (S).



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